

FA Part 2 Mathematics Chapter 3 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. domain B. range C. lower limit D. upper limit
2	Area between x-axis and the curve:	A. 32 D. 16
3	Question Image	A. Integration B. Integration w.r.t.x. C. Differentiation D. Differentiation w.r.t.x
4	Question Image	A. domain B. range C. lower limit D. upper limit
5	Question Image	A. Derivative B. Differential C. Integral D. None of these
6	Question Image	A. cosec x + c Bcosec x + c C. cot x + c D cot x + c
7	The general solution of differential equation of order n contains n arbitrary constants, which can be determined by initial value conditions.	A. 1 B. 0 C. 2 D. n
8	Question Image	
9	Question Image	A. Integration B. Integrand C. Constant of integration D. None of these
10	If the graph of f is entirely above the x-axis, then the definite integral is:	A. Positive B. Positive or negative C. Negative D. Positive and negative
11	Question Image	
12	If the lower limit is a constant and the upper limit is a variable, then the integral is a function of:	A. x B. y C. lower limit D. upper limit
13	Question Image	A. Integral B. Indefinite integral C. Differential D. Definite integral
14	Question Image	A. f(x) B. In f(x) C. f'(x) D. In f'(x)
15	Question Image	A. equal to each other B. not equal to each other C. nearly equal to each other D. None of these
16	If the graph of f is entirely below the x-axis, then the definite integral is:	A. Positive B. Positive or negative C. Negative D. Positive and negative
17	Question Image	C. 2 D. 1

18	Question Image	A. cos x + c B cos x + c C. sin x + c Dsin x + c
19	If y = sin x then dy =	A. cosy dx B. cos x C. cosx dx D. cos xdy
20	Question Image	A. tan x + c Btan x + c C. sec x + c Dsec x + c